

Name of Work: Development Of Roads and Drains From 1st Cross to 10th Cross in Attur Layout and Surrounding Areas in Ward no.3

Pre Measurement recorded on: 27/2/19, 6/3/19, 15/3/19, 20/3/19, 25/3/19 & 28/3/19

Detailed Measurements

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
1	Earthwork in excavation for foundation of structure like culverts, retaining wall etc., as per drawing and technical specification, including setting out, construction of shoring and bracing, dressing of sides and bottom, back filling with approved material, disposal of balance earth as per specification, including cost of labour, HOM etc., complete. In all kinds of soil by manual means.						
	ATTUR WARD NO. 03						
	For RCC Drain						
	2nd main, 3rd cross to 4th cross						
	Ch: 0.0 to 20.30m	LHS	1	20.30	1.10	1.20	26.80
	Ch: 20.30 to 22.30m	LHS	1	2.00	1.10	1.20	2.64
	Ch: 22.30 to 48.90m	LHS	1	26.60	1.10	1.20	35.11
	Ch: 48.90 to 53.90m	LHS	1	5.00	1.10	1.20	6.60
	Ch: 48.90 to 73.70m	LHS	1	19.80	1.10	1.20	26.14
	4th cross to 3rd cross						
	Ch: 0.0 to 8.90m	RHS	1	8.90	1.20	1.20	12.82
	Ch: 8.90 to 16.90m	RHS	1	8.00	1.20	1.20	11.52
	Ch: 16.90 to 46.90m	RHS	1	30.00	1.20	1.20	43.20
	Ch: 46.90 to 73.90m	RHS	1	27.00	1.20	1.20	38.88
	3rd main, 3rd cross to 4th cross						
	Ch: 0.0 to 20.30m	LHS	1	20.30	1.20	1.20	29.23
	Ch: 20.30 to 36.50m	LHS	1	16.20	1.20	1.20	23.33
	Ch: 36.50 to 66.50m	LHS	1	30.00	1.20	1.20	43.20
	Ch: 66.50 to 75.70m	LHS	1	9.20	1.20	1.20	13.25
	4th cross to 3rd cross						
	Ch: 0.0 to 30.00m	RHS	1	30.00	1.10	1.20	39.60
	Ch: 30.0 to 55.00m	RHS	1	25.00	1.10	1.20	33.00
	Ch: 55.0 to 64.80m	RHS	1	9.80	1.10	1.20	12.94
	Ch: 64.80 to 68.50m	RHS	1	3.70	1.10	1.20	4.88
	Ch: 68.50 to 74.60m	RHS	1	6.10	1.10	1.20	8.05
	4th main, 3rd cross to 4th cross						
	Ch: 0.0 to 9.70m	LHS	1	9.70	1.10	1.20	12.80
	Ch: 9.70 to 19.30m	LHS	1	9.60	1.10	1.20	12.67
	Ch: 19.30 to 46.50m	LHS	1	27.20	1.10	1.20	35.90
	Ch: 46.50 to 56.10m	LHS	1	9.60	1.10	1.20	12.67
	Ch: 56.10 to 75.70m	LHS	1	19.60	1.10	1.20	25.87
	4th cross to 3rd cross						
	Ch: 0.0 to 10.10m	RHS	1	10.10	1.10	1.20	13.33
	Ch: 10.10 to 19.10m	RHS	1	9.00	1.10	1.20	11.88
	Ch: 19.10 to 30.40m	RHS	1	11.30	1.10	1.20	14.92
	Ch: 30.40 to 35.40m	RHS	1	5.00	1.10	1.20	6.60

Contractor

Newzen Consultants Bangalore

Assistant Engineer

Project Division

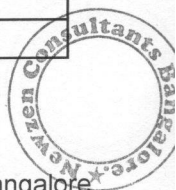
Ch: 35.40 to 46.60m	RHS	1	11.20	1.10	1.20	14.78
Ch: 46.60 to 55.90m	RHS	1	9.30	1.10	1.20	12.28
Ch: 55.90 to 64.90m	RHS	1	9.00	1.10	1.20	11.88
Ch: 64.90 to 72.90m	RHS	1	8.00	1.10	1.20	10.56
Ch: 72.90 to 75.80m	RHS	1	2.90	1.10	1.20	3.83
5th main, 3rd cross to 4th cross						
Ch: 0.0 to 4.10m	LHS	1	4.10	1.10	1.20	5.41
Ch: 4.10 to 29.50m	LHS	1	25.40	1.10	1.20	33.53
Ch: 29.50 to 59.50m	LHS	1	30.00	1.10	1.20	39.60
Ch: 59.50 to 69.70m	LHS	1	10.20	1.10	1.20	13.46
Ch: 69.70 to 76.10m	LHS	1	6.40	1.10	1.20	8.45
4th cross to 3rd cross						
Ch: 0.0 to 27.70m	RHS	1	27.70	1.10	1.20	36.56
Ch: 27.70 to 44.70m	RHS	1	17.00	1.10	1.20	22.44
Ch: 44.70 to 56.10m	RHS	1	11.40	1.10	1.20	15.05
Ch: 56.10 to 65.60m	RHS	1	9.50	1.10	1.20	12.54
Ch: 65.60 to 68.60m	RHS	1	3.00	1.10	1.20	3.96
Ch: 68.60 to 74.60m	RHS	1	6.00	1.10	1.20	7.92
7th main, 4th cross to 3rd cross						
Ch: 0.0 to 30.00m	RHS	1	30.00	1.10	1.20	39.60
Ch: 30.0 to 36.10m	RHS	1	6.10	1.10	1.20	8.05
Ch: 36.10 to 53.10m	RHS	1	17.00	1.10	1.20	22.44
Ch: 53.10 to 62.90m	RHS	1	9.80	1.10	1.20	12.94
Ch: 62.90 to 74.90m	RHS	1	12.00	1.10	1.20	15.84
Ch: 74.90 to 79.10m	RHS	1	4.20	1.10	1.20	5.54
3rd cross to 4th cross						
Ch: 0.0 to 30.00m	LHS	1	30.00	1.10	1.20	39.60
Ch: 30.0 to 39.10m	LHS	1	9.10	1.10	1.20	12.01
Ch: 39.10 to 46.80m	LHS	1	7.70	1.20	1.20	11.09
Ch: 46.80 to 75.00m	LHS	1	28.20	1.20	1.20	40.61
7th main, 3rd cross to 2nd cross						
Ch: 0.0 to 10.70m	RHS	1	10.70	1.10	1.20	14.12
Ch: 10.70 to 18.90m	RHS	1	8.20	1.10	1.20	10.82
Ch: 18.90 to 28.70m	RHS	1	9.80	1.10	1.20	12.94
Ch: 28.0 to 36.40m	RHS	1	7.70	1.10	1.20	10.16
Ch: 36.40 to 47.70m	RHS	1	11.30	1.10	1.20	14.92
Ch: 47.70 to 57.00m	RHS	1	9.30	1.10	1.20	12.28
Ch: 57.0 to 73.70m	RHS	1	16.70	1.10	1.20	22.04
2nd cross to 3rd cross						
Ch: 0.0 to 18.70m	LHS	1	18.70	1.10	1.20	24.68
Ch: 18.70 to 41.00m	LHS	1	22.30	1.10	1.20	29.44
Ch: 41.00 to 68.50m	LHS	1	27.50	1.10	1.20	36.30
7th main, 2nd cross to 1st cross						
Ch: 0.0 to 28.80m	RHS	1	28.80	1.20	1.20	41.47
Ch: 28.80 to 48.10m	RHS	1	19.30	1.20	1.20	27.79
Ch: 48.10 to 57.10m	RHS	1	9.00	1.20	1.20	12.96
1st cross to 2nd cross						

Contractor

K. S. S. S.
Assistant Engineer

Newzen Consultants Bangalore

Asst. Executive Engineer
Assistant Executive Engineer
Project Division



Ch: 0.0 to 13.60m	LHS	1	13.60	1.20	1.20	19.58
Ch: 13.60 to 19.70m	LHS	1	6.10	1.20	1.20	8.78
Ch: 19.0 to 29.70m	LHS	1	10.00	1.20	1.20	14.40
Ch: 29.70 to 39.40m	LHS	1	9.70	1.20	1.20	13.97
Ch: 39.04 to 57.80m	LHS	1	18.40	1.20	1.20	26.50
7th main, 1st cross to Sandeep Unnikrishnan Road						
Ch: 0.0 to 30.0m	RHS	1	30.00	1.20	1.20	43.20
Ch: 30.0 to 46.60m	RHS	1	16.60	1.20	1.20	23.90
Ch: 46.60 to 49.10m	RHS	1	2.50	1.20	1.20	3.60
Ch: 49.10 to 60.20m	RHS	1	11.10	1.20	1.20	15.98
Sandeep Unnikrishnan Road to 1st cross						
Ch: 0.0 to 30.0m	LHS	1	30.00	1.20	1.20	43.20
Ch: 30.0 to 46.90m	LHS	1	16.90	1.20	1.20	24.34
Ch: 46.90 to 52.20m	LHS	1	5.30	1.20	1.20	7.63
Ch: 52.20 to 61.30m	LHS	1	9.10	1.20	1.20	13.10
8th main, 1st cross to Sandeep Unnikrishnan Road						
Ch: 0.0 to 30.0m	LHS	1	30.00	1.10	1.20	39.60
Ch: 30.0 to 60.0m	LHS	1	30.00	1.10	1.20	39.60
Sandeep Unnikrishnan Road to 1st cross						
Ch: 0.0 to 30.0m	RHS	1	30.00	1.10	1.20	39.60
Ch: 30.0 to 40.30m	RHS	1	10.30	1.10	1.20	13.60
Ch: 40.30 to 52.20m	RHS	1	11.90	1.10	1.20	15.71
8th main, 2nd cross to 1st cross						
Ch: 0.0 to 30.0m	LHS	1	30.00	1.10	1.20	39.60
Ch: 30.0 to 57.30m	LHS	1	27.30	1.10	1.20	36.04
1st cross to 2nd cross						
Ch: 0.0 to 20.10m	RHS	1	20.10	1.10	1.20	26.53
Ch: 20.10 to 23.80m	RHS	1	3.70	1.10	1.20	4.88
Ch: 23.80 to 38.0m	RHS	1	14.20	1.10	1.20	18.74
Ch: 38.0 to 45.60m	RHS	1	7.60	1.10	1.20	10.03
Ch: 45.60 to 57.60m	RHS	1	12.00	1.10	1.20	15.84
9th main, Sandeep Unnikrishnan Road to 1st cross						
Ch: 0.0 to 30.00m	RHS	1	30.00	1.10	1.20	39.60
Ch: 30.0 to 34.70m	RHS	1	4.70	1.10	1.20	6.20
Ch: 34.70 to 36.90m	RHS	1	2.20	1.10	1.20	2.90
Ch: 36.90 to 55.60m	RHS	1	18.70	1.10	1.20	24.68
1st cross to 2nd cross						
Ch: 0.0 to 24.20m	RHS	1	24.20	1.10	1.20	31.94
Ch: 24.20 to 27.40m	RHS	1	3.20	1.10	1.20	4.22
Ch: 27.40 to 56.40m	RHS	1	29.00	1.10	1.20	38.28
2nd cross to 3rd cross						
Ch: 0.0 to 14.70m	RHS	1	14.70	1.10	1.20	19.40
Ch: 14.70 to 16.00m	RHS	1	1.30	1.10	1.20	1.72
Ch: 16.0 to 30.50m	RHS	1	14.50	1.10	1.20	19.14
Ch: 30.50 to 34.30m	RHS	1	3.80	1.10	1.20	5.02
Ch: 34.30 to 64.30m	RHS	1	30.00	1.10	1.20	39.60
Ch: 64.30 to 72.30m	RHS	1	8.00	1.10	1.20	10.56

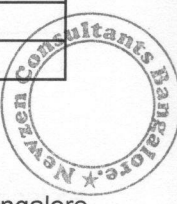
Contractor

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Newzen Consultants Bangalore

Assistant Engineer

Asst. Executive Engineer
Assistant Executive Engineer
Project Division



3rd cross to 2nd cross							
Ch: 0.0 to 6.60m	LHS	1	6.60	1.10	1.20	8.71	
Ch: 6.60 to 36.60m	LHS	1	30.00	1.10	1.20	39.60	
Ch: 36.60 to 66.60m	LHS	1	30.00	1.10	1.20	39.60	
Ch: 66.60 to 81.20m	LHS	1	14.60	1.10	1.20	19.27	
2nd cross to 1st cross							
Ch: 0.0 to 6.80m	LHS	1	6.80	1.10	1.20	8.98	
Ch: 6.80 to 17.50m	LHS	1	10.70	1.10	1.20	14.12	
Ch: 17.50 to 20.90m	LHS	1	3.40	1.10	1.20	4.49	
Ch: 20.90 to 30.90m	LHS	1	10.00	1.10	1.20	13.20	
Ch: 30.90 to 33.50m	LHS	1	2.60	1.10	1.20	3.43	
Ch: 33.50 to 44.50m	LHS	1	11.00	1.10	1.20	14.52	
Ch: 44.50 to 50.50m	LHS	1	6.00	1.10	1.20	7.92	
Ch: 50.50 to 56.70m	LHS	1	6.20	1.10	1.20	8.18	
Ch: 56.70 to 58.90m	LHS	1	2.20	1.10	1.20	2.90	
Ch: 58.90 to 63.00m	LHS	1	4.10	1.10	1.20	5.41	
1st cross to Sandeep Unnikrishnan Road							
Ch: 0.0 to 6.80m	LHS	1	6.80	1.10	1.20	8.98	
Ch: 6.80 to 36.80m	LHS	1	30.00	1.10	1.20	39.60	
Ch: 36.80 to 65.00m	LHS	1	28.20	1.10	1.20	37.22	
10th main, Sandeep Unnikrishnan Road to 1st cross							
Ch: 0.0 to 30.00m	LHS	1	30.00	1.10	1.20	39.60	
Ch: 30.0 to 58.20m	LHS	1	28.20	1.10	1.20	37.22	
1st cross to 2nd cross							
Ch: 0.0 to 30.00m	LHS	1	30.00	1.10	1.20	39.60	
Ch: 30.0 to 59.40m	LHS	1	29.40	1.10	1.20	38.81	
2nd cross to 3rd cross							
Ch: 0.0 to 4.00m	LHS	1	4.00	1.10	1.20	5.28	
Ch: 4.0 to 10.30m	LHS	1	6.30	1.10	1.20	8.32	
Ch: 10.30 to 40.30m	LHS	1	30.00	1.10	1.20	39.60	
Ch: 40.30 to 70.30m	LHS	1	30.00	1.10	1.20	39.60	
Ch: 70.30 to 76.30m	LHS	1	6.00	1.10	1.20	7.92	
Dead end to 3rd cross							
Ch: 0.0 to 30.00m	RHS	1	30.00	1.10	1.20	39.60	
Ch: 30.0 to 60.00m	RHS	1	30.00	1.10	1.20	39.60	
Ch: 60.0 to 90.00m	RHS	1	30.00	1.10	1.20	39.60	
Ch: 90.0 to 120.00m	RHS	1	30.00	1.10	1.20	39.60	
Ch: 120.0 to 150.00m	RHS	1	30.00	1.10	1.20	39.60	
Ch: 150.0 to 150.30m	RHS	1	0.30	1.10	1.20	0.40	
3rd cross to 2nd cross							
Ch: 0.0 to 30.00m	RHS	1	30.00	1.10	1.20	39.60	
Ch: 30.0 to 60.00m	RHS	1	30.00	1.10	1.20	39.60	
Ch: 60.0 to 76.30m	RHS	1	16.30	1.10	1.20	21.52	
2nd cross to 1st cross							
Ch: 0.0 to 30.00m	RHS	1	30.00	1.10	1.20	39.60	
Ch: 30.0 to 59.40m	RHS	1	29.40	1.10	1.20	38.81	
1st cross to Sandeep Unnikrishnan Road							

Contractor

Gobit

Newzen Consultants Bangalore

Assistant Engineer

Assistant Executive Engineer
Project Division



Ch: 0.0 to 30.00m	RHS	1	30.00	1.10	1.20	39.60
Ch: 30.0 to 44.00m	RHS	1	14.00	1.10	1.20	18.48
Ch: 44.0 to 46.00m	RHS	1	2.00	1.10	1.20	2.64
Ch: 46.0 to 58.00m	RHS	1	12.00	1.20	1.20	17.28
4th cross						
2nd main to 3rd main						
Ch: 0.0 to 25.30m	LHS	1	25.30	1.20	1.20	36.43
3rd main to 4th main						
Ch: 0.0 to 14.20m	LHS	1	14.20	1.20	1.20	20.45
Ch: 14.20 to 26.90m	LHS	1	12.70	1.20	1.20	18.29
4th main to 5th main						
Ch: 0.0 to 13.80m	LHS	1	13.80	1.20	1.20	19.87
5th main to 6th main						
Ch: 0.0 to 26.80m	LHS	1	26.80	1.20	1.20	38.59
6th main to 7th main						
Ch: 0.0 to 13.10m	LHS	1	13.10	1.20	1.20	18.86
7th main to 8th main						
Ch: 0.0 to 26.50m	LHS	1	26.50	1.20	1.20	38.16
8th main to 9th main						
Ch: 0.0 to 25.00m	LHS	1	25.00	1.20	1.20	36.00
8th main to 7th main						
Ch: 0.0 to 26.40m	RHS	1	26.40	1.20	1.20	38.02
7th main to 6th main						
Ch: 0.0 to 3.30m	RHS	1	3.30	1.20	1.20	4.75
Ch: 3.30 to 26.80m	RHS	1	23.50	1.20	1.20	33.84
6th main to 5th main						
Ch: 0.0 to 5.00m	RHS	1	5.00	1.20	1.20	7.20
Ch: 5.0 to 25.20m	RHS	1	20.20	1.20	1.20	29.09
5th main to 4th main						
Ch: 0.0 to 26.50m	RHS	1	26.50	1.20	1.20	38.16
4th main to 3rd main						
Ch: 0.0 to 25.50m	RHS	1	25.50	1.20	1.20	36.72
3rd main to 2nd main						
Ch: 0.0 to 26.00m	RHS	1	26.00	1.20	1.20	37.44
2nd main to 1st main						
Ch: 0.0 to 25.00m	RHS	1	25.00	1.20	1.20	36.00
1st main to Attur Mn Rd						
Ch: 0.0 to 17.70m	RHS	1	17.70	1.20	1.20	25.49
3rd cross						
Attur Mn rd to 1st Main						
Ch: 0.0 to 4.70m	LHS	1	4.70	1.20	1.20	6.77
Ch: 4.70 to 9.20m	LHS	1	4.50	1.20	1.20	6.48
1st main to 2nd Main						
Ch: 0.0 to 2.40m	LHS	1	2.40	1.20	1.20	3.46
Ch: 2.40 to 12.70m	LHS	1	10.30	1.20	1.20	14.83
2nd main to 3rd main						
Ch: 0.0 to 26.30m	LHS	1	26.30	1.20	1.20	37.87

Contractor

Gobit

Newzen Consultants Bangalore

Assistant Engineer

Assistant Executive Engineer
Project Division

3rd main to 4th main							
Ch: 0.0 to 24.70m	LHS	1	24.70	1.20	1.20	35.57	
4th main to 5th main							
Ch: 0.0 to 26.40m	LHS	1	26.40	1.20	1.20	38.02	
5th main to 6th main							
Ch: 0.0 to 27.20m	LHS	1	27.20	1.20	1.20	39.17	
6th main to 7th main							
Ch: 0.0 to 25.80m	LHS	1	25.80	1.20	1.20	37.15	
7th main to 8th main							
Ch: 0.0 to 26.70m	LHS	1	26.70	1.20	1.20	38.45	
8th main to 9th main							
Ch: 0.0 to 26.80m	LHS	1	26.80	1.20	1.20	38.59	
9th main to 10th main							
Ch: 0.0 to 24.50m	LHS	1	24.50	1.20	1.20	35.28	
10th main to 9th main							
Ch: 0.0 to 3.30m	RHS	1	3.30	1.20	1.20	4.75	
Ch: 3.30 to 5.70m	RHS	1	2.40	1.20	1.20	3.46	
Ch: 5.70 to 24.00m	RHS	1	18.30	1.20	1.20	26.35	
9th main to 8th main							
Ch: 0.0 to 25.60m	RHS	1	25.60	1.20	1.20	36.86	
8th main to 7th main							
Ch: 0.0 to 26.60m	RHS	1	26.60	1.20	1.20	38.30	
7th main to 6th main							
Ch: 0.0 to 2.00m	RHS	1	2.00	1.20	1.20	2.88	
Ch: 2.0 to 26.50m	RHS	1	24.50	1.20	1.20	35.28	
6th main to 5th main							
Ch: 0.0 to 26.60m	RHS	1	26.60	1.20	1.20	38.30	
5th main to 4th main							
Ch: 0.0 to 12.00m	RHS	1	12.00	1.20	1.20	17.28	
Ch: 12.0 to 25.80m	RHS	1	13.80	1.20	1.20	19.87	
4th main to 3rd main							
Ch: 0.0 to 7.50m	RHS	1	7.50	1.20	1.20	10.80	
Ch: 7.50 to 11.60m	RHS	1	4.10	1.20	1.20	5.90	
Ch: 11.60 to 24.80m	RHS	1	13.20	1.20	1.20	19.01	
3rd main to 2nd main							
Ch: 0.0 to 24.20m	RHS	1	24.20	1.20	1.20	34.85	
2nd main to Attur Mn Rd							
Ch: 0.0 to 13.90m	RHS	1	13.90	1.20	1.20	20.02	
Ch: 13.90 to 29.90m	RHS	1	16.00	1.20	1.20	23.04	
Ch: 29.90 to 38.70m	RHS	1	8.80	1.20	1.20	12.67	
2nd cross							
Attur Mn rd to 2nd Main							
Ch: 0.0 to 13.10m	LHS	1	13.10	1.20	1.20	18.86	
2nd main to 3rd main							
Ch: 0.0 to 26.10m	LHS	1	26.10	1.20	1.20	37.58	
3rd main to 4th main							
Ch: 0.0 to 7.00m	LHS	1	7.00	1.20	1.20	10.08	

Contractor

G. S. S. S.

Newzen Consultants Bangalore



K. S. S. S.
Assistant Engineer

W. S. S. S.
Asst. Executive Engineer
Project Executive Engineer
Project Division
Yelahanka Zone

(7)

Ch: 7.0 to 26.00m	LHS	1	19.00	1.20	1.20	27.36	
4th main to 5th main							
Ch: 0.0 to 13.00m	LHS	1	13.00	1.20	1.20	18.72	
5th main to 6th main							
Ch: 0.0 to 10.50m	LHS	1	10.50	1.20	1.20	15.12	
Ch: 10.50 to 22.10m	LHS	1	11.60	1.20	1.20	16.70	
Ch: 22.10 to 27.50m	LHS	1	5.40	1.20	1.20	7.78	
6th main to 7th main							
Ch: 0.0 to 24.70m	LHS	1	24.70	1.20	1.20	35.57	
7th main to 8th main							
Ch: 0.0 to 12.00m	LHS	1	12.00	1.20	1.20	17.28	
Ch: 12.0 to 26.10m	LHS	1	14.10	1.20	1.20	20.30	
8th main to 7th main							
Ch: 0.0 to 27.30m	RHS	1	27.30	1.20	1.20	39.31	
7th main to 6th main							
Ch: 0.0 to 25.10m	RHS	1	25.10	1.20	1.20	36.14	
6th main to 5th main							
Ch: 0.0 to 25.20m	RHS	1	25.20	1.20	1.20	36.29	
5th main to 4th main							
Ch: 0.0 to 27.30m	RHS	1	27.30	1.20	1.20	39.31	
4th main to 3rd main							
Ch: 0.0 to 26.60m	RHS	1	26.60	1.20	1.20	38.30	
3rd main to 2nd main							
Ch: 0.0 to 26.10m	RHS	1	26.10	1.20	1.20	37.58	
2nd main to Attur Mn Rd							
Ch: 0.0 to 25.60m	RHS	1	25.60	1.20	1.20	36.86	
Culvert							
10th main, 1st cross	LHS	1	8.00	1.30	1.20	12.48	
10th main, 2nd cross	LHS	1	4.00	1.80	1.20	8.64	
3rd cross, 5th main	RHS	1	5.40	1.80	1.20	11.66	
2nd cross, 5th main	LHS	1	4.20	1.80	1.20	9.07	
Present Qty						4802.23	Cum

Contractor

GAP: F ok

Assistant Engineer

28/3/19

Newzen Consultants Bangalore



Asst. Executive Engineer

Assistant Executive Engineer
Valkhanke Zone

Name of Work: Development Of Roads and Drains From 1st Cross to 10th Cross in Attur Layout and Surrounding Areas in Ward no.3

Pre Measurement recorded on: 11/3/19, 16/3/19, 22/3/19, 26/3/19 & 30/3/19

Detailed Measurements

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
2	Plain cement concrete M 10 mix with crushed stone aggregate 40mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days complete as per specifications,							
	ATTUR WARD NO. 03							
	For RCC Drain							
	2nd main, 3rd cross to 4th cross							
	Ch: 0.0 to 20.30m	LHS	1	20.30	1.10	0.15	3.35	
	Ch: 20.30 to 22.30m	LHS	1	2.00	1.10	0.15	0.33	
	Ch: 22.30 to 48.90m	LHS	1	26.60	1.10	0.15	4.39	
	Ch: 48.90 to 53.90m	LHS	1	5.00	1.10	0.15	0.83	
	Ch: 48.90 to 73.70m	LHS	1	19.80	1.10	0.15	3.27	
	4th cross to 3rd cross							
	Ch: 0.0 to 8.90m	RHS	1	8.90	1.20	0.15	1.60	
	Ch: 8.90 to 16.90m	RHS	1	8.00	1.20	0.15	1.44	
	Ch: 16.90 to 46.90m	RHS	1	30.00	1.20	0.15	5.40	
	Ch: 46.90 to 73.90m	RHS	1	27.00	1.20	0.15	4.86	
	3rd main, 3rd cross to 4th cross							
	Ch: 0.0 to 20.30m	LHS	1	20.30	1.20	0.15	3.65	
	Ch: 20.30 to 36.50m	LHS	1	16.20	1.20	0.15	2.92	
	Ch: 36.50 to 66.50m	LHS	1	30.00	1.20	0.15	5.40	
	Ch: 66.50 to 75.70m	LHS	1	9.20	1.20	0.15	1.66	
	4th cross to 3rd cross							
	Ch: 0.0 to 30.00m	RHS	1	30.00	1.10	0.15	4.95	
	Ch: 30.0 to 55.00m	RHS	1	25.00	1.10	0.15	4.13	
	Ch: 55.0 to 64.80m	RHS	1	9.80	1.10	0.15	1.62	
	Ch: 64.80 to 68.50m	RHS	1	3.70	1.10	0.15	0.61	
	Ch: 68.50 to 74.60m	RHS	1	6.10	1.10	0.15	1.01	
	4th main, 3rd cross to 4th cross							
	Ch: 0.0 to 9.70m	LHS	1	9.70	1.10	0.15	1.60	
	Ch: 9.70 to 19.30m	LHS	1	9.60	1.10	0.15	1.58	
	Ch: 19.30 to 46.50m	LHS	1	27.20	1.10	0.15	4.49	
	Ch: 46.50 to 56.10m	LHS	1	9.60	1.10	0.15	1.58	
	Ch: 56.10 to 75.70m	LHS	1	19.60	1.10	0.15	3.23	
	4th cross to 3rd cross							
	Ch: 0.0 to 10.10m	RHS	1	10.10	1.10	0.15	1.67	
	Ch: 10.10 to 19.10m	RHS	1	9.00	1.10	0.15	1.49	
	Ch: 19.10 to 30.40m	RHS	1	11.30	1.10	0.15	1.86	
	Ch: 30.40 to 35.40m	RHS	1	5.00	1.10	0.15	0.83	
	Ch: 35.40 to 46.60m	RHS	1	11.20	1.10	0.15	1.85	

Contractor

K. S. S. S.
Assistant Engineer

Newzen Consultants Bangalore

Asst. Executive Engineer
Project Division

Ch: 46.60 to 55.90m	RHS	1	9.30	1.10	0.15	1.53
Ch: 55.90 to 64.90m	RHS	1	9.00	1.10	0.15	1.49
Ch: 64.90 to 72.90m	RHS	1	8.00	1.10	0.15	1.32
Ch: 72.90 to 75.80m	RHS	1	2.90	1.10	0.15	0.48
5th main, 3rd cross to 4th cross						
Ch: 0.0 to 4.10m	LHS	1	4.10	1.10	0.15	0.68
Ch: 4.10 to 29.50m	LHS	1	25.40	1.10	0.15	4.19
Ch: 29.50 to 59.50m	LHS	1	30.00	1.10	0.15	4.95
Ch: 59.50 to 69.70m	LHS	1	10.20	1.10	0.15	1.68
Ch: 69.70 to 76.10m	LHS	1	6.40	1.10	0.15	1.06
4th cross to 3rd cross						
Ch: 0.0 to 27.70m	RHS	1	27.70	1.10	0.15	4.57
Ch: 27.70 to 44.70m	RHS	1	17.00	1.10	0.15	2.81
Ch: 44.70 to 56.10m	RHS	1	11.40	1.10	0.15	1.88
Ch: 56.10 to 65.60m	RHS	1	9.50	1.10	0.15	1.57
Ch: 65.60 to 68.60m	RHS	1	3.00	1.10	0.15	0.50
Ch: 68.60 to 74.60m	RHS	1	6.00	1.10	0.15	0.99
7th main, 4th cross to 3rd cross						
Ch: 0.0 to 30.00m	RHS	1	30.00	1.10	0.15	4.95
Ch: 30.0 to 36.10m	RHS	1	6.10	1.10	0.15	1.01
Ch: 36.10 to 53.10m	RHS	1	17.00	1.10	0.15	2.81
Ch: 53.10 to 62.90m	RHS	1	9.80	1.10	0.15	1.62
Ch: 62.90 to 74.90m	RHS	1	12.00	1.10	0.15	1.98
Ch: 74.90 to 79.10m	RHS	1	4.20	1.10	0.15	0.69
3rd cross to 4th cross						
Ch: 0.0 to 30.00m	LHS	1	30.00	1.10	0.15	4.95
Ch: 30.0 to 39.10m	LHS	1	9.10	1.10	0.15	1.50
Ch: 39.10 to 46.80m	LHS	1	7.70	1.20	0.15	1.39
Ch: 46.80 to 75.00m	LHS	1	28.20	1.20	0.15	5.08
7th main, 3rd cross to 2nd cross						
Ch: 0.0 to 10.70m	RHS	1	10.70	1.10	0.15	1.77
Ch: 10.70 to 18.90m	RHS	1	8.20	1.10	0.15	1.35
Ch: 18.90 to 28.70m	RHS	1	9.80	1.10	0.15	1.62
Ch: 28.0 to 36.40m	RHS	1	7.70	1.10	0.15	1.27
Ch: 36.40 to 47.70m	RHS	1	11.30	1.10	0.15	1.86
Ch: 47.70 to 57.00m	RHS	1	9.30	1.10	0.15	1.53
Ch: 57.0 to 73.70m	RHS	1	16.70	1.10	0.15	2.76
2nd cross to 3rd cross						
Ch: 0.0 to 18.70m	LHS	1	18.70	1.10	0.15	3.09
Ch: 18.70 to 41.00m	LHS	1	22.30	1.10	0.15	3.68
Ch: 41.00 to 68.50m	LHS	1	27.50	1.10	0.15	4.54
7th main, 2nd cross to 1st cross						
Ch: 0.0 to 28.80m	RHS	1	28.80	1.20	0.15	5.18
Ch: 28.80 to 48.10m	RHS	1	19.30	1.20	0.15	3.47
Ch: 48.10 to 57.10m	RHS	1	9.00	1.20	0.15	1.62
1st cross to 2nd cross						
Ch: 0.0 to 13.60m	LHS	1	13.60	1.20	0.15	2.45

Contractor

Graf-B ag

Newzen Consultants Bangalore

K. S. S. S. S.
Assistant Engineer

Project Division
Assistant Executive Engineer

Ch: 13.60 to 19.70m	LHS	1	6.10	1.20	0.15	1.10
Ch: 19.0 to 29.70m	LHS	1	10.00	1.20	0.15	1.80
Ch: 29.70 to 39.40m	LHS	1	9.70	1.20	0.15	1.75
Ch: 39.04 to 57.80m	LHS	1	18.40	1.20	0.15	3.31
7th main, 1st cross to Sandeep Unnikrishnan Road						
Ch: 0.0 to 30.0m	RHS	1	30.00	1.20	0.15	5.40
Ch: 30.0 to 46.60m	RHS	1	16.60	1.20	0.15	2.99
Ch: 46.60 to 49.10m	RHS	1	2.50	1.20	0.15	0.45
Ch: 49.10 to 60.20m	RHS	1	11.10	1.20	0.15	2.00
Sandeep Unnikrishnan Road to 1st cross						
Ch: 0.0 to 30.0m	LHS	1	30.00	1.20	0.15	5.40
Ch: 30.0 to 46.90m	LHS	1	16.90	1.20	0.15	3.04
Ch: 46.90 to 52.20m	LHS	1	5.30	1.20	0.15	0.95
Ch: 52.20 to 61.30m	LHS	1	9.10	1.20	0.15	1.64
8th main, 1st cross to Sandeep Unnikrishnan Road						
Ch: 0.0 to 30.0m	LHS	1	30.00	1.10	0.15	4.95
Ch: 30.0 to 60.0m	LHS	1	30.00	1.10	0.15	4.95
Sandeep Unnikrishnan Road to 1st cross						
Ch: 0.0 to 30.0m	RHS	1	30.00	1.10	0.15	4.95
Ch: 30.0 to 40.30m	RHS	1	10.30	1.10	0.15	1.70
Ch: 40.30 to 52.20m	RHS	1	11.90	1.10	0.15	1.96
8th main, 2nd cross to 1st cross						
Ch: 0.0 to 30.0m	LHS	1	30.00	1.10	0.15	4.95
Ch: 30.0 to 57.30m	LHS	1	27.30	1.10	0.15	4.50
1st cross to 2nd cross						
Ch: 0.0 to 20.10m	RHS	1	20.10	1.10	0.15	3.32
Ch: 20.10 to 23.80m	RHS	1	3.70	1.10	0.15	0.61
Ch: 23.80 to 38.0m	RHS	1	14.20	1.10	0.15	2.34
Ch: 38.0 to 45.60m	RHS	1	7.60	1.10	0.15	1.25
Ch: 45.60 to 57.60m	RHS	1	12.00	1.10	0.15	1.98
9th main, Sandeep Unnikrishnan Road to 1st cross						
Ch: 0.0 to 30.00m	RHS	1	30.00	1.10	0.15	4.95
Ch: 30.0 to 34.70m	RHS	1	4.70	1.10	0.15	0.78
Ch: 34.70 to 36.90m	RHS	1	2.20	1.10	0.15	0.36
Ch: 36.90 to 55.60m	RHS	1	18.70	1.10	0.15	3.09
1st cross to 2nd cross						
Ch: 0.0 to 24.20m	RHS	1	24.20	1.10	0.15	3.99
Ch: 24.20 to 27.40m	RHS	1	3.20	1.10	0.15	0.53
Ch: 27.40 to 56.40m	RHS	1	29.00	1.10	0.15	4.79
2nd cross to 3rd cross						
Ch: 0.0 to 14.70m	RHS	1	14.70	1.10	0.15	2.43
Ch: 14.70 to 16.00m	RHS	1	1.30	1.10	0.15	0.21
Ch: 16.0 to 30.50m	RHS	1	14.50	1.10	0.15	2.39
Ch: 30.50 to 34.30m	RHS	1	3.80	1.10	0.15	0.63
Ch: 34.30 to 64.30m	RHS	1	30.00	1.10	0.15	4.95
Ch: 64.30 to 72.30m	RHS	1	8.00	1.10	0.15	1.32
3rd cross to 2nd cross						

Contractor

Gopi K

Newzen Consultants Bangalore

Assistant Engineer

Asst. Executive Engineer
Project Division

Waterworks 7 and